

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 10/025,532

REMARKS

Upon entry of the amendment, Claim 1 is the only claim pending in the application. Claim 1 has been amended to incorporate Claims 2-5 in view of which Claims 2-5 have been canceled.

Claim 1 has been amended to incorporate the recitations of Claims 2-5. Claims 2-5 have been cancelled. No new matter is added.

Claims 1-3 and 5 have been rejected under 35 U.S.C. § 102(b) as anticipated by or, in the alternative, under 35 U.S.C. § 103(a) as obvious over JP 11-217511 ("Suzuta").

Claims 1-5 have also been rejected under 35 U.S.C. § 102(b) as anticipated by or, in the alternative, under 35 U.S.C. § 103(a) as obvious over U.S. Patent No. 5,585,431 ("Igarashi").

Claims 1-3 and 5 have also been rejected under 35 U.S.C. § 102(b) as anticipated by or, in the alternative, under 35 U.S.C. § 103(a) as obvious over U.S. Patent No. 5,910,523 ("Hudson").

Applicants respectfully traverse these rejections for the following reasons.

The present claimed invention is directed to an olefin polymer composition which comprises an olefin polymer and inorganic solvent dispersed in the olefin polymer. A coagulation degree θ of the inorganic solid satisfies the following express $0 > \theta \geq 10$. The parameter θ is a value determined by dividing d by D , where d represents a dispersion particle diameter of the inorganic solid dispersed in the olefin polymer. The parameter D represents a primary particle diameter of the inorganic solid. Further, the inorganic solid is aluminum hydroxide, and the content of aluminum hydroxide contained in the olefin polymer composition is 0.001 to 50 % by weight. Further, the primary particle diameter of the aluminum hydroxide is

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0.1 to 300 nm, and the amount of aluminum hydroxide having a dispersed particle diameter within the range of 0.1 to 100 nm is over 70%. Also, the olefin polymer is a polymer of ethylene or an α -olefin.

Thus, a polymer composition is achieved having excellent properties, particularly dampening properties, because a polymer composition is obtained by finely dispersing an inorganic solid in the olefin polymer.

In contrast, the cited references do not disclose or suggest anything about the dampening properties. Accordingly, Applicants respectfully submit that the present claimed invention is not anticipated or rendered *prima facia* obvious by the cited references. Withdrawal of the rejections is requested

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


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PATENT TRADEMARK OFFICE
Date: August 5, 2003